CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

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JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CEMENT/2021-22 Date: 17.01.2022

TEST REPORT

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of Work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement
Sample Received on	:	14.01.2022
Period of Testing	:	14.01.2022 to 17.01.2022
Report Issue Date	:	17.01.2022

The results of the tests conducted on the cement sample are as follows:

Sl. No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015 (2020)
1	Standard Consistency	IS-4031 (Part -4) : 1988 (RA-2019)	29.00 %	-
2	a) Initial Setting Time	IS-4031 (Part -5) : 1988 (RA-2019)	190 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5) : 1988 (RA-2019)	385 Minutes	Not More than 600 Minutes
3	Soundness by Le Chartlier Method	IS-4031 (Part-3) : 1988 (RA-2019)	1.00 mm	Not more than 10mm

*Information is furnished by the Customer/Representative.

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****

Assistant Engineer B.B.M.P. Lakes

AEE Asst Executive Engineer Lakes, BBMP

M/s. Civil-Tech Consultants & Engineers

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c//SAND-Gradation/2021-22 17.01.2022

TEST REPORT SIEVE ANALYSIS OF FINE AGGREGATES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of Work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Fine Aggregates (Manufactured Sand)
Test Method As Per	:	IS - 2386 (Part 1) : 1963 (RA-2021)
Sample Received On	:	14.01.2022
Date of Testing	:	17.01.2022
Report Issue Date	:	17.01.2022

Total Wt. of Aggregates in gms = **1000**

IS Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS 383-2016			
		Zone-I	Zone-II	Zone-III	Zone-IV
10	100	100	100	100	100
4.75	96.20	90-100	90-100	90-100	95-100
2.36	81.20	60-95	75-100	85-100	95-100
1.18	59.60	30-70	55-90	75-100	90-100
600 Micron	37.10	15-34	35-59	60-79	80-100
300 Micron	15.60	5-20	8-30	12-40	15-50
150 Micron	5.50	0-10	0-10	0-10	0-15

* Information is furnished by the Customer/Representative

Remarks : This sample is under Zone-II specific limits.

Note 1 :

For crushed stone sands, the permissible limit on 150-micron IS Sieve is increased to 20 percent. This does not affect the 5 percent allowance permitted in 4.3 of IS 383 applying to other sieve sizes.

Note 2 :

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/AGG/GR/2021-22 17.01.2022

TEST REPORT ON SIEVE ANALYSIS OF COARSE AGGREGATES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of Work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Coarse Aggregates (40mm)
Test Method As Per	:	IS - 2386 (Part 1) : 1963 (RA-2021)
Sample Received on	:	14.01.2022
Date of Testing	:	17.01.2022
Report Issue Date	:	17.01.2022

Total Wt. of Aggregates in gms= **5000**

IS Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS - 383 : 2016	
		Graded	Single Sized
80	100	100	-
63	100	-	100
40	97.34	95-100	85-100
20	38.34	30-70	0-20
10	17.30	10-35	0-5
4.75	3.60	0-5	-

* Information is furnished by the Customer/Representative

Remarks : This sample is under graded specific limits.

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/AGG/GR/2021-22 17.01.2022

TEST REPORT ON SIEVE ANALYSIS OF COARSE AGGREGATES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of Work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Coarse Aggregates (20mm)
Test Method As Per	:	IS - 2386 (Part 1) : 1963(RA-2021)
Sample Received on	:	14.01.2022
Date of Testing	:	17.01.2022
Report Issue Date	:	17.01.2022

Total Wt. of Aggregates in gms= **5000**

IS Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS - 383 : 2016	
		Graded	Single Sized
40	100	100	100
20	93.60	90-100	85-100
10	34.48	25-55	0-20
4.75	5.40	0-10	0-5

* Information is furnished by the Customer/Representative

Remarks : This sample is under Graded specific limits

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Job No.: CTCE/BBMP/MKN/W.No.10/Fencing/2021-22 24.01.2022

TEST REPORT ON CHAIN LINK FENCING WIRE

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Samples ID**	:	Chain link fencing- 8th gauge
Date of Testing	:	24.01.2022
Report Issue Date	:	24.01.2022

Sl.No	Description	Result
1	Diameter	4.02 mm
2	Internal Spacing	50 mm X 50 mm
3	Weight / Meter (1m x 1m)	4.180 Kg

*Information is furnished by the Customer/Representative.

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Job No.: CTCE/BBMP/MKN/W.No.10/angle/2021-22 24.01.2022

TEST REPORT ON STRUCTURAL STEEL

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Samples ID**	:	ISA 65X65X6 mm
Date of Testing	:	24.01.2022
Report Issue Date	:	24.01.2022

Sl.No	Description	Result
1	Thickness	6.02 mm
2	Width	65.0 mm
3	Weight / Meter	5.86 Kg

*Information is furnished by the Customer/Representative.

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Job No.: CTCE/BBMP/MKN/W.No.10/MS pipe/2021-22 24.01.2022

TEST REPORT ON M.S PIPE

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Samples ID**	:	MS Pipe 38mm Dia
Date of Testing	:	24.01.2022
Report Issue Date	:	24.01.2022

Sl.No	Description	Result
1	Thickness	2.02 mm
2	Inner Diameter	38.08 mm
3	Outer Diameter	42.14 mm
4	Weight / Meter	1.890 kg

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CUBE/2021-22 25.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of the work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	25.02.2022
Report Issue Date	:	25.02.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2022	25.02.2022	8.192	368.5	16.38
2	28.01.2022	25.02.2022	8.258	375.4	16.68
3	28.01.2022	25.02.2022	8.350	395.8	17.59

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*** Name of the work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	25.02.2022
Report Issue Date	:	25.02.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2022	25.02.2022	8.098	385.9	17.15
2	28.01.2022	25.02.2022	8.197	395.4	17.57
3	28.01.2022	25.02.2022	8.287	365.8	16.26

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*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	25.02.2022
Report Issue Date	:	25.02.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2022	25.02.2022	8.235	375.8	16.70
2	28.01.2022	25.02.2022	8.358	385.9	17.15
3	28.01.2022	25.02.2022	8.456	395.8	17.59

*Information is furnished by the Customer/Representative.

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CUBE/2021-22 25.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of the work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	25.02.2022
Report Issue Date	:	25.02.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2022	25.02.2022	8.213	375.8	16.70
2	28.01.2022	25.02.2022	8.289	385.4	17.13
3	28.01.2022	25.02.2022	8.129	390.8	17.37

*Information is furnished by the Customer/Representative.

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CUBE/2021-22 25.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of the work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	25.02.2022
Report Issue Date	:	25.02.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2022	25.02.2022	8.110	366.4	16.28
2	28.01.2022	25.02.2022	8.230	378.9	16.84
3	28.01.2022	25.02.2022	8.380	395.8	17.59

*Information is furnished by the Customer/Representative.

Note:

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M/s. Civil-Tech Consultants & Engineers

Pooja K. L.

Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

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JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CUBE/2021-22 16.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

*** Customer**	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
*** Agency**	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
*** Name of the work**	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
*** Reference**	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
*** Sample ID**	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2022
Report Issue Date	:	16.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.02.2022	16.03.2022	8.092	398.7	17.72
2	16.02.2022	16.03.2022	8.157	399.4	17.75
3	16.02.2022	16.03.2022	8.298	415.6	18.47

*Information is furnished by the Customer/Representative.

Civil-Tech Consultants & Engineers Bangalore

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Pooja K. L.

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Assistant Engineer B.B.M.P. Lakes

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2022
Report Issue Date	:	16.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.02.2022	16.03.2022	8.179	397.8	17.68
2	16.02.2022	16.03.2022	8.258	360.8	16.04
3	16.02.2022	16.03.2022	8.360	402.8	17.90

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
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Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2022
Report Issue Date	:	16.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.02.2022	16.03.2022	8.113	405.7	18.03
2	16.02.2022	16.03.2022	8.219	415.2	18.45
3	16.02.2022	16.03.2022	8.350	390.8	17.37

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2022
Report Issue Date	:	16.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.02.2022	16.03.2022	8.110	370.3	16.46
2	16.02.2022	16.03.2022	8.290	382.1	16.98
3	16.02.2022	16.03.2022	8.375	393.6	17.49

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2022
Report Issue Date	:	16.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.02.2022	16.03.2022	8.279	379.8	16.88
2	16.02.2022	16.03.2022	8.397	385.4	17.13
3	16.02.2022	16.03.2022	8.456	390.5	17.36

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Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	31.03.2022
Report Issue Date	:	31.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.03.2022	31.03.2022	8.198	378.4	16.82
2	03.03.2022	31.03.2022	8.258	394.5	17.53
3	03.03.2022	31.03.2022	8.127	375.3	16.68

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	31.03.2022
Report Issue Date	:	31.03.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.03.2022	31.03.2022	8.227	376.3	16.72
2	03.03.2022	31.03.2022	8.392	394.5	17.53
3	03.03.2022	31.03.2022	8.187	366.6	16.29

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1	03.03.2022	31.03.2022	8.123	367.8	16.35
2	03.03.2022	31.03.2022	8.213	378.4	16.82
3	03.03.2022	31.03.2022	8.380	389.6	17.32

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Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CUBE/2022-23 05.04.2022

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Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	05.04.2022
Report Issue Date	:	05.04.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.03.2022	05.04.2022	8.166	379.8	16.88
2	08.03.2022	05.04.2022	8.279	395.4	17.57
3	08.03.2022	05.04.2022	8.375	399.7	17.76

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* Grade of Concrete	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	05.04.2022
Report Issue Date	:	05.04.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.03.2022	05.04.2022	8.113	370.8	16.48
2	08.03.2022	05.04.2022	8.280	394.2	17.52
3	08.03.2022	05.04.2022	8.320	396.3	17.61

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Assistant Engineer B.B.M.P. Lakes

Asst Executive Engineer Lakes, BBMP

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

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CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/MKN/W.No.10/CSR-12c/CUBE/2022-23 05.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Lakes, BBMP, Bangalore.
* Agency	:	**Sri. Mahesh.K.N,** #24, 2nd Cross, Hosahalli, Vijaya Nagara, Bangalore – 560040.
* Name of the work	:	Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.
* Reference	:	EE-4/Lakes/WO/23/2020-21 Dated : 15.01.2021
* Sample ID	:	Cement Concrete
Technical Reference	:	IS: 516-1959 (RA-2018)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{15}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	05.04.2022
Report Issue Date	:	05.04.2022

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.03.2022	05.04.2022	8.113	390.2	17.34
2	08.03.2022	05.04.2022	8.259	405.2	18.01
3	08.03.2022	05.04.2022	8.310	415.8	18.48

*Information is furnished by the Customer/Representative.

Note:

⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.

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M/s. Civil-Tech Consultants & Engineers

Pooja K. L.

Authorised Signatory

Assistant Engineer B.B.M.P. Lakes

Asst Executive Engineer Lakes BBMP

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Engineering Project Consultants

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ABSTRACT OF FREQUENCY OF TESTS CARRIED OUT

Name of Work : Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.

Type of Road Surface	Minimum Number of Tests as per IRC norms	Number of Test done during execution	Percentage of Tests carried out as per IRC norms
I	II	III	IV
CIVIL WORKS	23	23	100%
TOTAL	**23**	**23**	**100%**

CIVIL ENGINEERING TESTING LABORATORY www.civiltechconsultants.com

Civil-Tech Consultants & Engineers

M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

Assistant Engineer
B.B.M.P. Lakes

AEE
Asst Executive Engineer
Lakes, BBMP

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ABSTRACT OF FREQUENCY OF TESTS CARRIED OUT

Name of Work : Providing water body fencing, fencing to vacant land at waste weir, damaged boundary fencing, walking path and other development work at Doddabommasandra Lake in Ward No.10, BBMP, Bangalore.

Description	Quantity	Unit	Total Number of test to be carried out as per IRC	Actual Number of Test to be conducted	% Completed
I	II	III	IV	V	IV
1) PCC 1:3:6 a) Cement b) M-Sand c) Aggregate 40MM d) Aggregate 20MM	81.59	Cum	4	4	100%
2)Cube M15	326.34	Cum	16	16	100%
3)Chain link fencing 50mm	2590	Sqm	1	1	100%
4)MS Block Pipe38mm	5095.83	Mts	1	1	100%
5)MS Angle 65x65x6MM	2331	Mts	1	1	100%
TOTAL			**23**	**23**	**100%**

Assistant Engineer B.B.M.P. Lakes

AEE Asst Executive Engineer Lakes. BBMP

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